

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number
WO 2004/014559 A1

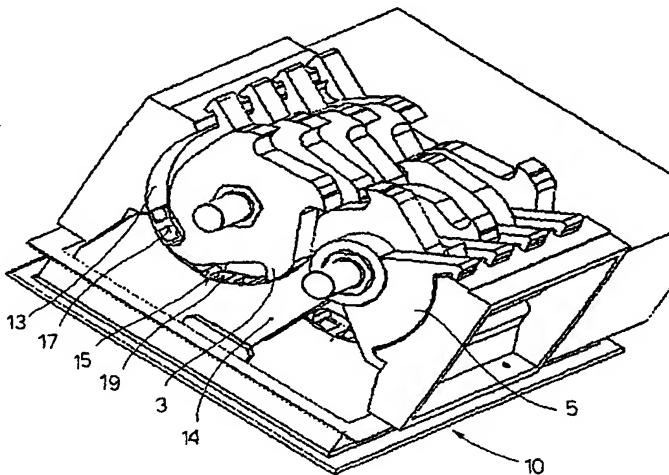
- (51) International Patent Classification⁷: **B02C 18/14**
- (21) International Application Number:
PCT/EP2003/005741
- (22) International Filing Date: 2 June 2003 (02.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
MI2002A001673 26 July 2002 (26.07.2002) IT
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU,*

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(54) Title: TWO-SHAFT INDUSTRIAL SHREDDER



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(57) **Abstract:** An industrial shredder is described - designed to shred the most diverse materials, such as plastic, rubber, paper, wood, metals and the like - which comprises two counter-rotating shafts (1), parallel to each other, whereon are keyed disc-shaped blades (2) with one or more teeth (3), intercalated with spacers (4) having about the same thickness as the blades and a diameter smaller than the blades one, so that the spacers (4) of one shaft are blades and a diameter smaller than the blades one, so that the spacers (4) of one shaft are opposed to the blades (2) of the other shaft, said shafts (1) being so spaced that the blades of one shaft intersect with those of the other shaft to force the material poured into an upper cutting chamber (7) to be sheared between said blades. Beneath said blades (2) hollow supports (14) having a circular profile (15) at the top are provided, connected with which fixed blades (17) are disposed, which cooperate with said blades (2) to perform further cutting of the material already sheared between the opposed blades, said supports (14) extending until they almost come into contact with the spacers (4) of the other shaft to perform cleaning thereof.